

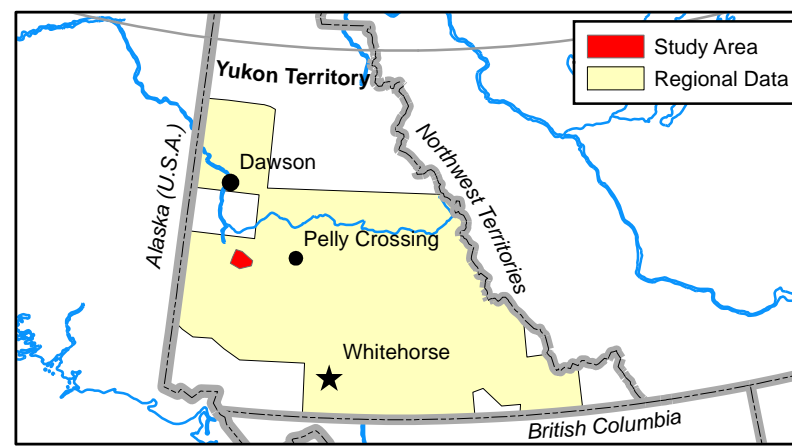
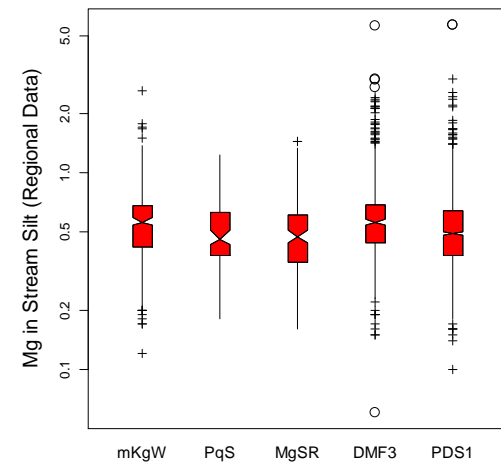
# Mg in Stream Silt Aqua regia/ICP-MS <0.177 mm Fraction

Graduated (range-graded)  
Symbol

Abbreviated  
Sample Number  
(115J171014)

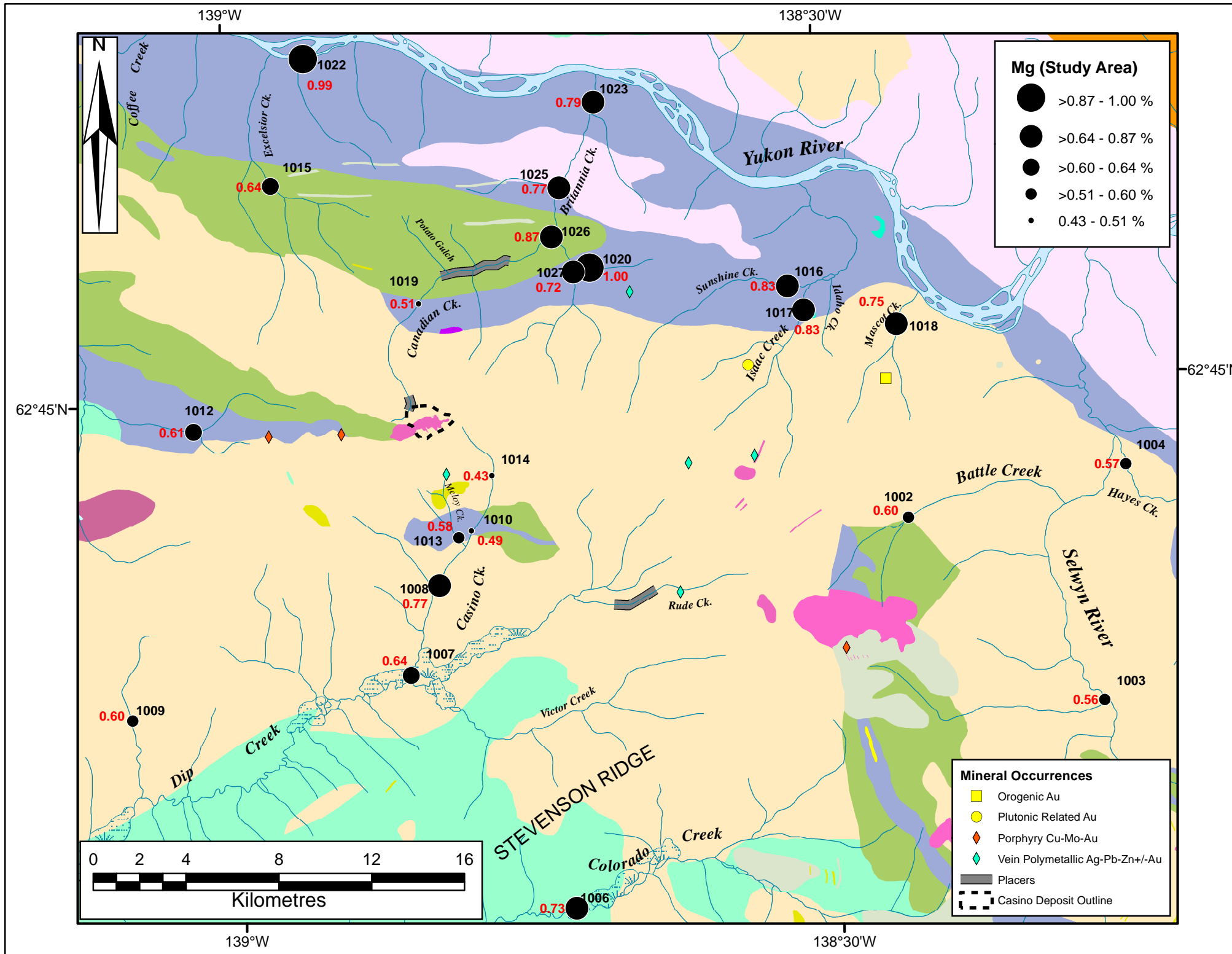
Element Concentration  
at Site

0.43 ● 1014



Mg*	All n=19471	mKgW n=571	PqS n=125	MgSR n=230	DMF3 n=576	PDS1 n=1210
Maximum Value	21.16	2.61	1.23	1.44	5.63	5.69
98th Percentile	2.55	1.17	0.99	1.12	2.13	1.39
95th Percentile	1.46	0.93	0.91	0.85	1.37	1.05
90th Percentile	1.02	0.81	0.81	0.73	0.98	0.87
3rd Quartile (75th)	0.68	0.68	0.63	0.61	0.69	0.64
Median (50th)	0.48	0.56	0.46	0.47	0.56	0.49
1st Quartile (25th)	0.34	0.42	0.38	0.35	0.44	0.38
10th Percentile	0.26	0.32	0.31	0.25	0.35	0.30
5th Percentile	0.21	0.27	0.28	0.22	0.31	0.25
2nd Percentile	0.16	0.22	0.22	0.19	0.24	0.21
Minimum Value	0.01	0.12	0.18	0.16	0.06	0.10
Median	0.48	0.56	0.46	0.47	0.56	0.49
MAD**	0.24	0.19	0.15	0.19	0.19	0.18
Arithmetic Mean	0.64	0.58	0.52	0.50	0.65	0.56
Standard Deviation	0.74	0.24	0.20	0.22	0.43	0.35

\* Regional Data \*\*Median Absolute Deviation



- PALEOCENE TO LOWER EOCENE**
  - PRC1: RHYOLITE CREEK: light grey, green, maroon, purple and black rhyolite and dacite
  - PRC2: RHYOLITE CREEK: maroon to reddish purple, fine to very coarse grained andesite
- LATE CRETACEOUS TO TERTIARY**
  - LKyP: PROSPECTOR MOUNTAIN SUITE: syenite
  - LKfC: CASINO SUITE: quartz-feldspar porphyry
- MID-CRETACEOUS**
  - mKgW: WHITEHORSE SUITE: Bt-Hbl granodiorite, Hbl quartz diorite and Hbl diorite
  - mKqW: WHITEHORSE SUITE: Bt quartz monzonite, Bt granite and leucogranite
  - mKN: MOUNT NANSEN: massive aphyric or feldspar-phyric andesite to dacite flows
- UPPER CRETACEOUS**
  - uKC1: CARMACKS: augite-olivine basalt and breccia
  - uKC2: CARMACKS: andesite, porphyry
  - uKC4: CARMACKS: sandstone, pebble conglomerate, shale, tuff, and coal
- LATE TRIASSIC TO EARLY JURASSIC**
  - LTrEJgM: MINTO SUITE: foliated Bt-Hbl granodiorite; Bt-rich screens and gneissic schlieren
- LATE TRIASSIC**
  - LTrgS: STIKINE SUITE: coarse-grained, foliated, gabbroic Hbl orthogneiss
- MIDDLE TO LATE PERMIAN**
  - PqS: SULPHUR CREEK SUITE: variably foliated, K-feldspar augen granite, metaporphry
  - PK1: KLONDIKE SCHIST: quartz-muscovite-chlorite schist
- MISSISSIPPIAN**
  - MgSR: SIMPSON RANGE SUITE: Hbl-bearing metagranodiorite, metadiorite and metatonalite
- DEVONIAN, MISSISSIPPIAN AND(?) OLDER**
  - DMF1: FINLAYSON: intermediate to mafic volcanic and volcanoclastic rocks
  - DMF3: FINLAYSON: dark grey to black carbonaceous metasedimentary rocks, metachert
  - DMF6: FINLAYSON: ultramafic rocks, serpentinite; metagabbro
- LATE DEVONIAN TO MISSISSIPPIAN**
  - LDgMB: MT BAKER SUITE: strongly foliated to gneissic granodiorite, diorite and monzogranite
  - LDyMB: MT BAKER SUITE: strongly foliated to gneissic diorite, gabbro and minor pyroxenite
- ORDOVICIAN TO LOWER DEVONIAN**
  - ODS: SCOTTIE CREEK: quartzite, micaceous quartzite, psammitic Qtz-Ms-Bt ± Grt schist
- NEOPROTEROZOIC AND PALEOZOIC**
  - PDS1: SNOWCAP: quartzite, psammite, pelite and marble; minor greenstone and amphibolite
  - PDS2: SNOWCAP: light grey to buff weathering marble